



Fredericksburg District Park & Ride Investment Strategy



US 1 near I-95; Exit 126

Major Corridors Served: I-95/US 1/US 17

Jurisdiction: Spotsylvania County

Improvement Type: New Lot

Recommendation ID: FRE-10

Technical Score (Ranking): 8.499 (1st)

Land Available	District Support	Local Support	MPO Support	PDC Support
-	-	-	✓	-

PROJECT DESCRIPTION

Construct a new 100 space P&R lot along US 1 near I-95 Exit 126.

COMMUTER/ROADWAY DEMAND

ADT (Route Served): 124,181

LOS (Route Served): F

Workers within 3 mile radius: 17,706

% Workers traveling outside 3 mile radius: 83%

% Workers traveling outside 25 mile radius: 55%

TRANSPORTATION NETWORK BENEFIT

Number of Spaces*: 100

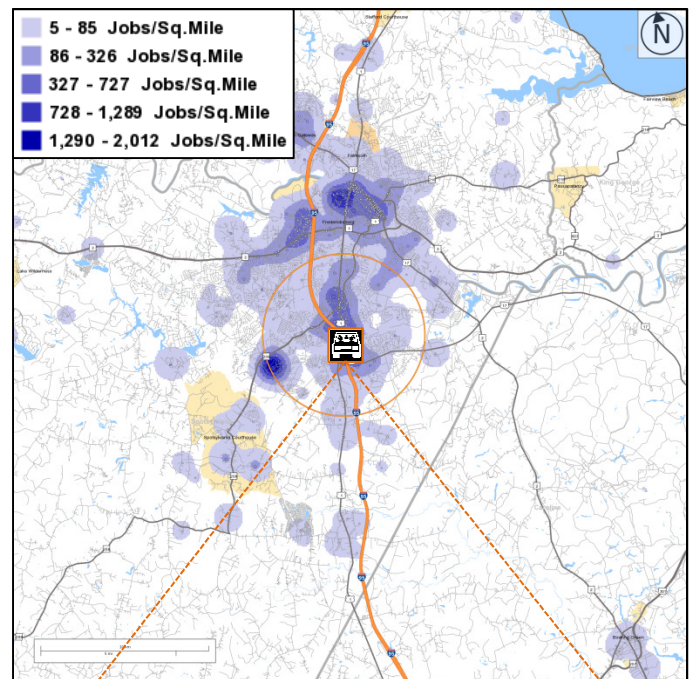
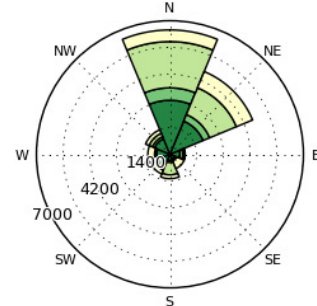
Inside Priority Investment Area: Corridor

Annual VMT Reduction*: 917,914 miles

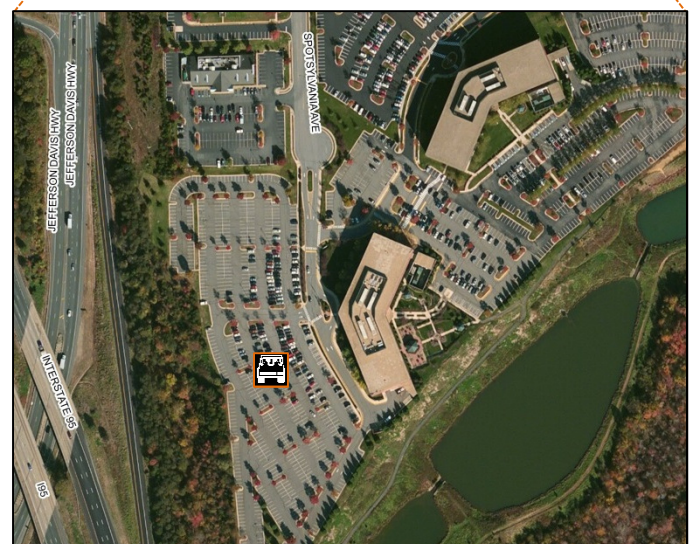
Total Annual Cost Savings*: \$ 504,853

Phase	Duration (Months)	Cost Estimate
Design	-	\$ -
Right-of-Way	-	\$ -
Construction	-	\$ -
<i>Total</i>	-	\$ 1,000,000

Commute Compass *



*Job Counts by Distance/Direction conducted in 2011,
<http://onthemap.ces.census.gov/>





Fredericksburg District Park & Ride Investment Strategy



Route 3 near Route 639

Major Corridors Served: I-95/US 17/Route 3

Jurisdiction: Spotsylvania County

Improvement Type: Expansion

Recommendation ID: FRE-8

Technical Score (Ranking): 8.330 (2nd)

Land Available	District Support	Local Support	MPO Support	PDC Support
-	-	-	✓	-

PROJECT DESCRIPTION

P&R lot expansion to add 100 spaces at the existing P&R lot along Route 3 (Plank Road) near Route 639 (Salem Church Road).

COMMUTER/ROADWAY DEMAND

ADT (Route Served): 67,979

LOS (Route Served): F

Workers within 3 mile radius: 19,109

% Workers traveling outside 3 mile radius: 87%

% Workers traveling outside 25 mile radius: 52%

TRANSPORTATION NETWORK BENEFIT

Number of Spaces*: 100

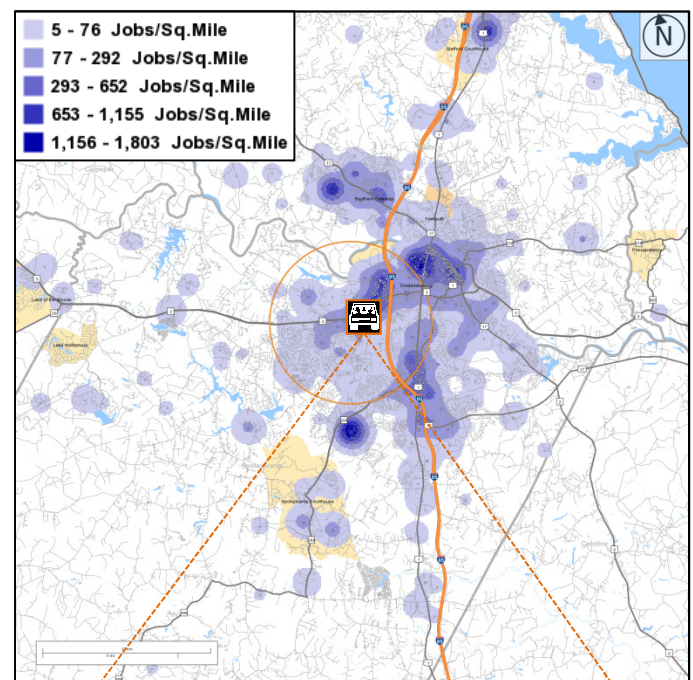
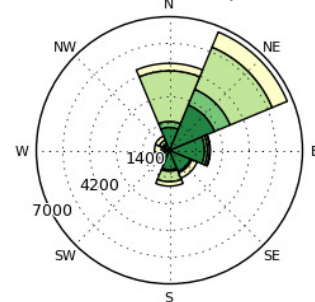
Inside Priority Investment Area: Corridor

Annual VMT Reduction*: 890,377 miles

Total Annual Cost Savings*: \$ 489,707

Phase	Duration (Months)	Cost Estimate
Design	-	\$ -
Right-of-Way	-	\$ -
Construction	-	\$ -
<i>Total</i>	-	\$ 1,000,000

Commute Compass *



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Fredericksburg District Park & Ride Investment Strategy



Mine Road near Route 610

Major Corridors Served: I-95/US 1

Jurisdiction: Stafford County

Improvement Type: Expansion

Recommendation ID: FRE-9

Technical Score (Ranking): 8.015 (3rd)

Land Available	District Support	Local Support	MPO Support	PDC Support
-	-	-	✓	-

PROJECT DESCRIPTION

P&R lot expansion to add 100 spaces at the existing P&R lot along Mine Road near Route 610 (Garrisonville Road).

COMMUTER/ROADWAY DEMAND

ADT (Route Served): 146,979

LOS (Route Served): E

Workers within 3 mile radius: 16,491

% Workers traveling outside 3 mile radius: 91%

% Workers traveling outside 25 mile radius: 48%

TRANSPORTATION NETWORK BENEFIT

Number of Spaces*: 100

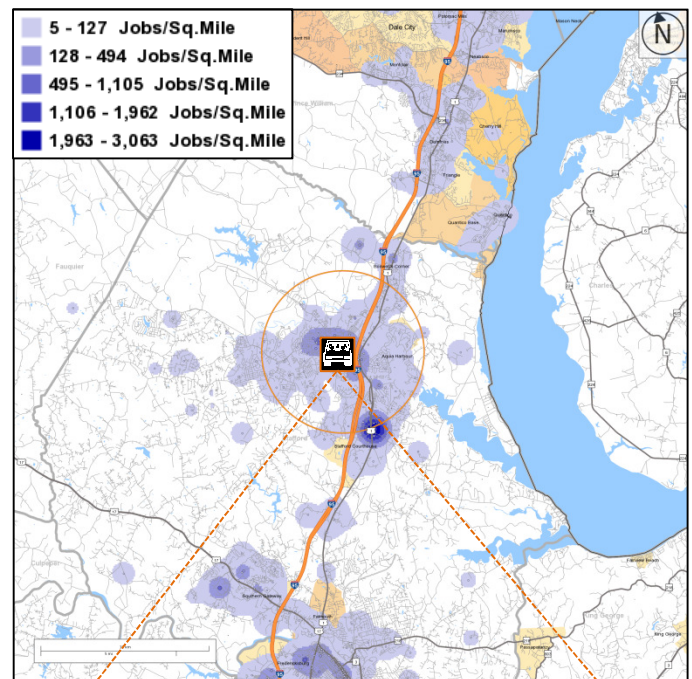
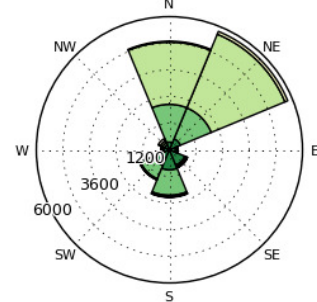
Inside Priority Investment Area: Corridor

Annual VMT Reduction*: 885,369 miles

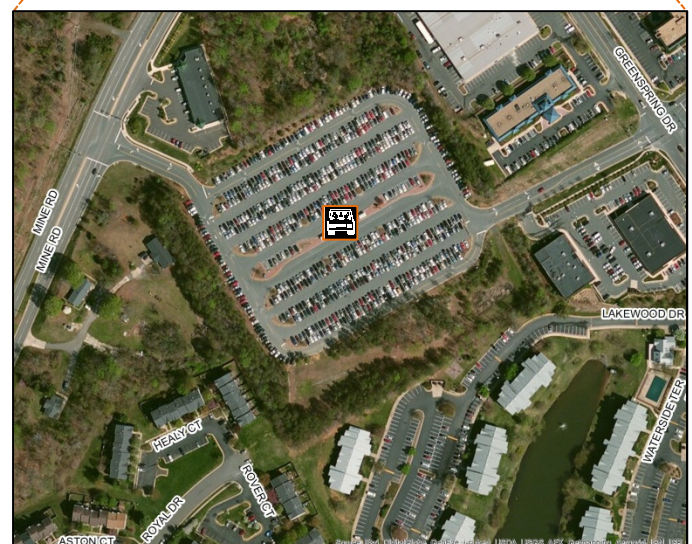
Total Annual Cost Savings*: \$ 486,953

Phase	Duration (Months)	Cost Estimate
Design	-	\$ -
Right-of-Way	-	\$ -
Construction	-	\$ -
<i>Total</i>	-	\$ 1,000,000

Commute Compass *



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Fredericksburg District Park & Ride Investment Strategy



US 17 Business near US 1 Business

Major Corridors Served: US 1/US 17/Route 3

Jurisdiction: City of Fredericksburg

Improvement Type: New Lot

Recommendation ID: FRE-6

Technical Score (Ranking): 7.849 (4th)

Land Available	District Support	Local Support	MPO Support	PDC Support
-	-	-	✓	-

PROJECT DESCRIPTION

Construct a new 800 space P&R lot along US 17 Business near US 1 Business.

COMMUTER/ROADWAY DEMAND

ADT (Route Served): 26,419

LOS (Route Served): E

Workers within 3 mile radius: 21,928

% Workers traveling outside 3 mile radius: 80%

% Workers traveling outside 25 mile radius: 65%

TRANSPORTATION NETWORK BENEFIT

Number of Spaces: 800

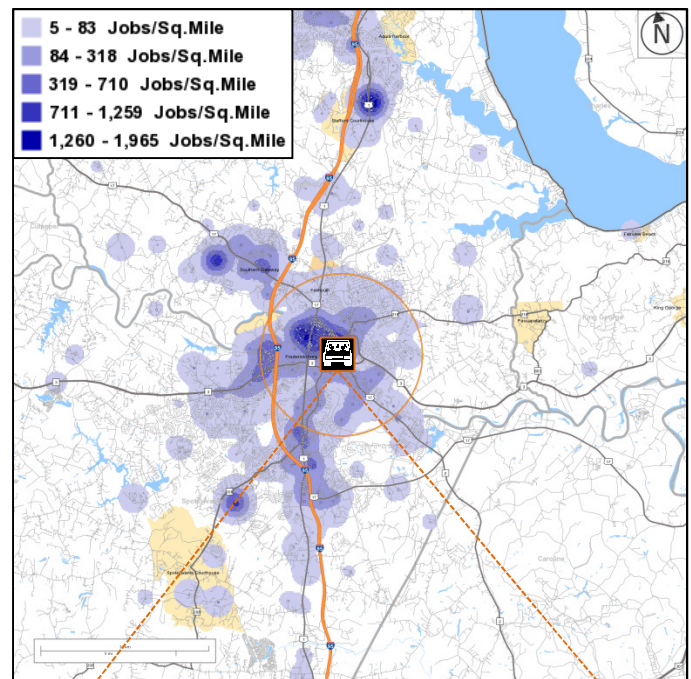
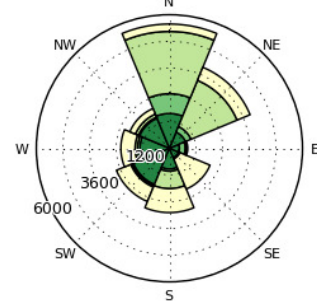
Inside Priority Investment Area: Corridor

Annual VMT Reduction: 8,465,102 miles

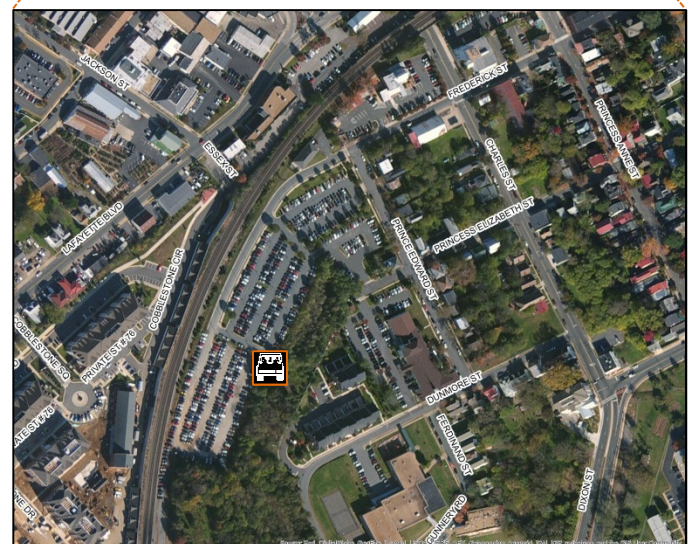
Total Annual Cost Savings: \$ 4,655,806

Phase	Duration (Months)	Cost Estimate
Design	-	\$ -
Right-of-Way	-	\$ -
Construction	-	\$ -
<i>Total</i>	-	\$ 800,000

Commute Compass *



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Fredericksburg District Park & Ride Investment Strategy



US 17 near Route 360

Major Corridors Served: US 17/US 360

Jurisdiction: Essex County

Improvement Type: New Lot

Recommendation ID: FRE-13

Technical Score (Ranking): 5.564 (5th)

Land Available	District Support	Local Support	MPO Support	PDC Support
-	-	-	✓	-

PROJECT DESCRIPTION

Construct a new 100 space P&R lot along US 17 (Tidewater Trail) near US 360 (Richmond Road).

COMMUTER/ROADWAY DEMAND

ADT (Route Served): 23,334

LOS (Route Served): B

Workers within 3 mile radius: 1,338

% Workers traveling outside 3 mile radius: 82%

% Workers traveling outside 25 mile radius: 78%

TRANSPORTATION NETWORK BENEFIT

Number of Spaces*: 100

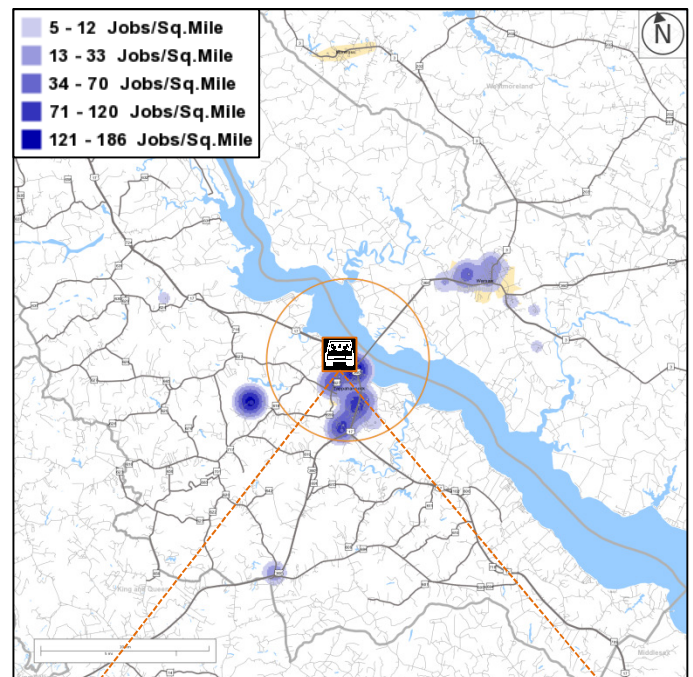
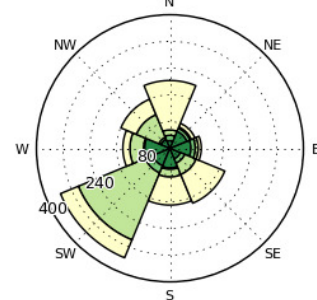
Inside Priority Investment Area: Rural Center

Annual VMT Reduction*: 1,279,568 miles

Total Annual Cost Savings*: \$ 703,763

Phase	Duration (Months)	Cost Estimate
Design	-	\$ -
Right-of-Way	-	\$ -
Construction	-	\$ -
<i>Total</i>	-	\$ 1,000,000

Commute Compass *



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Fredericksburg District Park & Ride Investment Strategy



Route 33 near Courthouse Drive

Major Corridors Served: US 17/Route 33

Jurisdiction: Middlesex County

Improvement Type: Expansion

Recommendation ID: FRE-15

Technical Score (Ranking): 5.248 (6th)

Land Available	District Support	Local Support	MPO Support	PDC Support
-	-	-	✓	-

PROJECT DESCRIPTION

P&R lot expansion to add 50 spaces at the existing P&R lot along Route 33 (General Puller Highway) near Courthouse Drive.

COMMUTER/ROADWAY DEMAND

ADT (Route Served): 49,629

LOS (Route Served): F

Workers within 3 mile radius: 2,302

% Workers traveling outside 3 mile radius: 92%

% Workers traveling outside 25 mile radius: 75%

TRANSPORTATION NETWORK BENEFIT

Number of Spaces*: 50

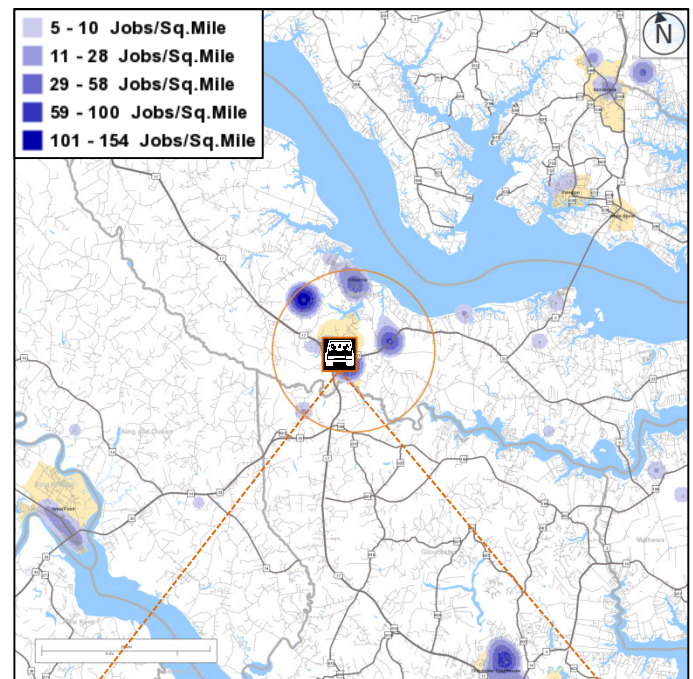
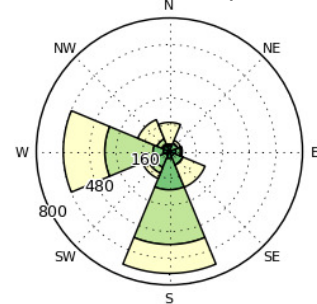
Inside Priority Investment Area: No

Annual VMT Reduction*: 719,497 miles

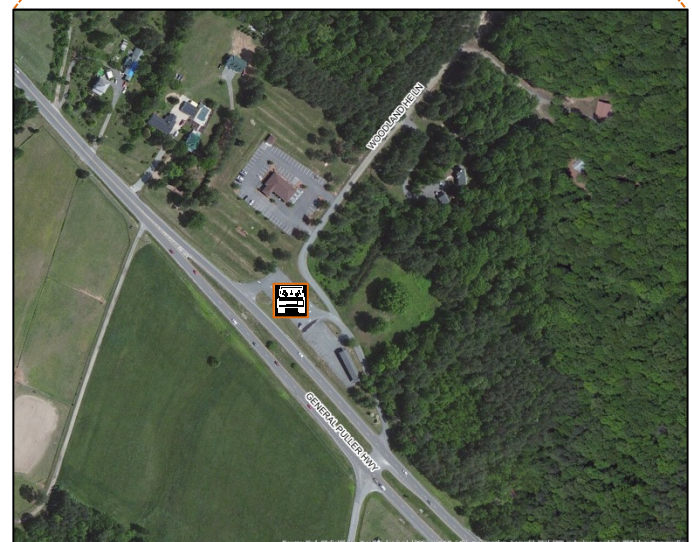
Total Annual Cost Savings*: \$ 395,723

Phase	Duration (Months)	Cost Estimate
Design	-	\$ -
Right-of-Way	-	\$ -
Construction	-	\$ -
<i>Total</i>	-	\$ 500,000

Commute Compass *



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Fredericksburg District Park & Ride Investment Strategy



Route 33 at Twiggs-Ferry Road

Major Corridors Served: Route 3/Route 33

Jurisdiction: Middlesex County

Improvement Type: Expansion

Recommendation ID: FRE-4

Technical Score (Ranking): 4.998 (7th)

Land Available	District Support	Local Support	MPO Support	PDC Support
-	-	-	-	-

PROJECT DESCRIPTION

P&R lot expansion to add 50 spaces to the existing P&R lot along Route 33 near Twiggs-Ferry Road.

COMMUTER/ROADWAY DEMAND

ADT (Route Served): 49,628

LOS (Route Served): F

Workers within 3 mile radius: 2,843

% Workers traveling outside 3 mile radius: 98%

% Workers traveling outside 25 mile radius: 67%

TRANSPORTATION NETWORK BENEFIT

Number of Spaces: 50

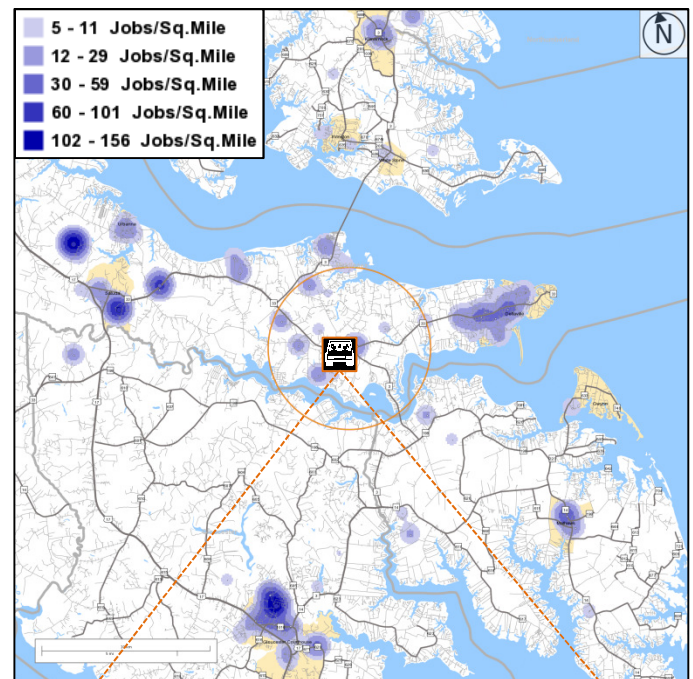
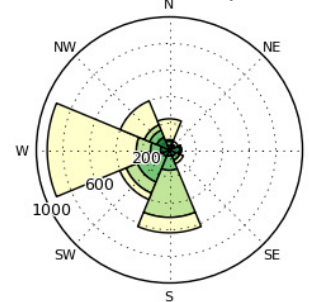
Inside Priority Investment Area: No

Annual VMT Reduction: 718,129 miles

Total Annual Cost Savings: \$ 394,971

Phase	Duration (Months)	Cost Estimate
Design	-	\$ -
Right-of-Way	-	\$ -
Construction	-	\$ -
<i>Total</i>	-	\$ 500,000

Commute Compass *



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Fredericksburg District Park & Ride Investment Strategy



Route 3 between Route 645 and Route 755

Major Corridors Served: Route 3

Jurisdiction: Westmoreland County

Improvement Type: Enhancement

Recommendation ID: FRE-11

Technical Score (Ranking): 4.833 (8th)

Land Available	District Support	Local Support	MPO Support	PDC Support
-	-	-	✓	-

PROJECT DESCRIPTION

P&R lot enhancements to improve/upgrade pavement, striping, and lighting at the existing P&R lot along Route 3 (Kings Highway) between Route 645 (Crookhorn Road) and Route 755.

COMMUTER/ROADWAY DEMAND

ADT (Route Served): 159,992

LOS (Route Served): F

Workers within 3 mile radius: 800

% Workers traveling outside 3 mile radius: 94%

% Workers traveling outside 25 mile radius: 75%

TRANSPORTATION NETWORK BENEFIT

Number of Spaces*: 70

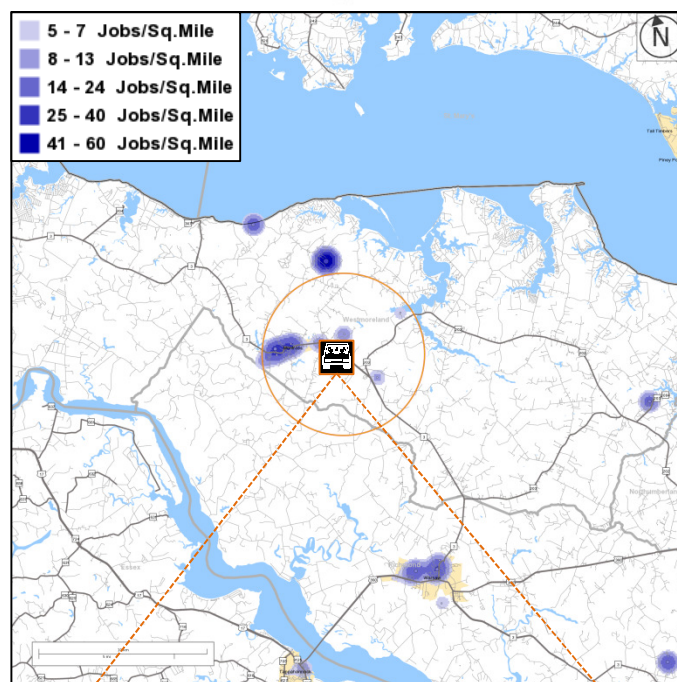
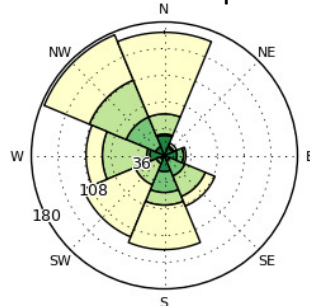
Inside Priority Investment Area: No

Annual VMT Reduction*: 1,032,855 miles

Total Annual Cost Savings*: \$ 568,071

Phase	Duration (Months)	Cost Estimate
Design	-	\$ -
Right-of-Way	-	\$ -
Construction	-	\$ -
<i>Total</i>	-	\$ 700,000

Commute Compass *



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Fredericksburg District Park & Ride Investment Strategy



US 1 near Route 257

Major Corridors Served: I-95/US 1

Jurisdiction: Caroline County

Improvement Type: Enhancement

Recommendation ID: FRE-7

Technical Score (Ranking): 3.282 (9th)

Land Available	District Support	Local Support	MPO Support	PDC Support
-	-	-	✓	-

PROJECT DESCRIPTION

P&R lot enhancements to the existing P&R lot along US 1 near Route 657 (Telegraph Road).

COMMUTER/ROADWAY DEMAND

ADT (Route Served): 129,984

LOS (Route Served): D

Workers within 3 mile radius: 1,366

% Workers traveling outside 3 mile radius: 97%

% Workers traveling outside 25 mile radius: 54%

TRANSPORTATION NETWORK BENEFIT

Number of Spaces*: 50

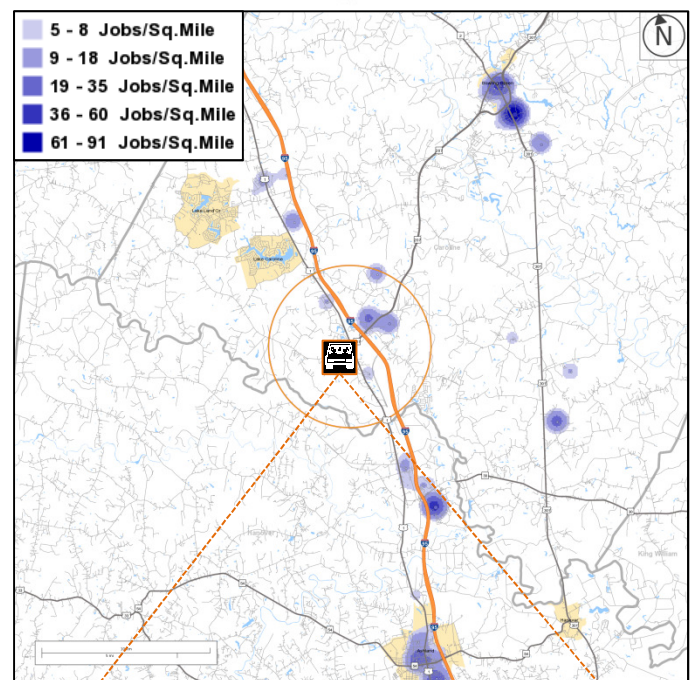
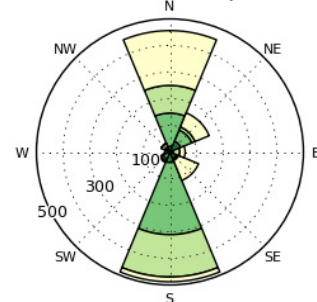
Inside Priority Investment Area: No

Annual VMT Reduction*: 618,915 miles

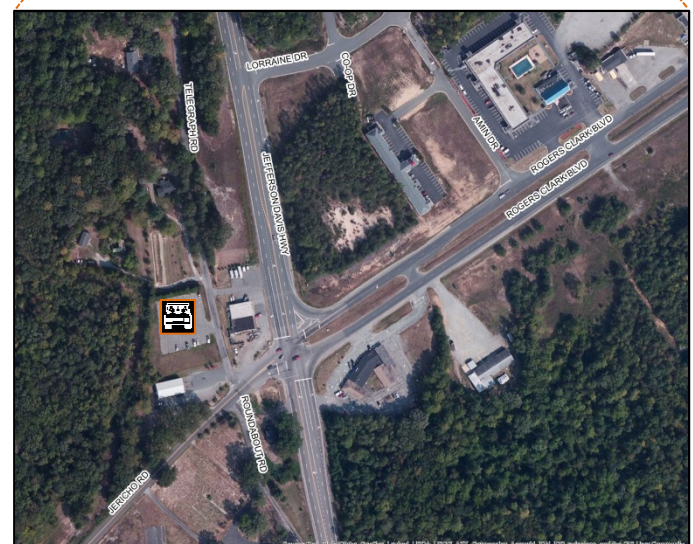
Total Annual Cost Savings*: \$ 340,403

Phase	Duration (Months)	Cost Estimate
Design	-	\$ -
Right-of-Way	-	\$ -
Construction	-	\$ -
<i>Total</i>	-	\$ 500,000

Commute Compass *



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Fredericksburg District Park & Ride Investment Strategy



US 360 at Route 622

Major Corridors Served: US 360

Jurisdiction: King William County

Improvement Type: Expansion

Recommendation ID: FRE-14

Technical Score (Ranking): 2.132 (10th)

Land Available	District Support	Local Support	MPO Support	PDC Support
-	-	-	✓	-

PROJECT DESCRIPTION

P&R lot expansion to increase capacity by adding 20 spaces to the existing P&R lot located along US 360 (Richmond Tappahannock Highway) near Route 662 (Sharon Road).

COMMUTER/ROADWAY DEMAND

ADT (Route Served): 41,284

LOS (Route Served): C

Workers within 3 mile radius: 1,734

% Workers traveling outside 3 mile radius: 98%

% Workers traveling outside 25 mile radius: 43%

TRANSPORTATION NETWORK BENEFIT

Number of Spaces*: 20

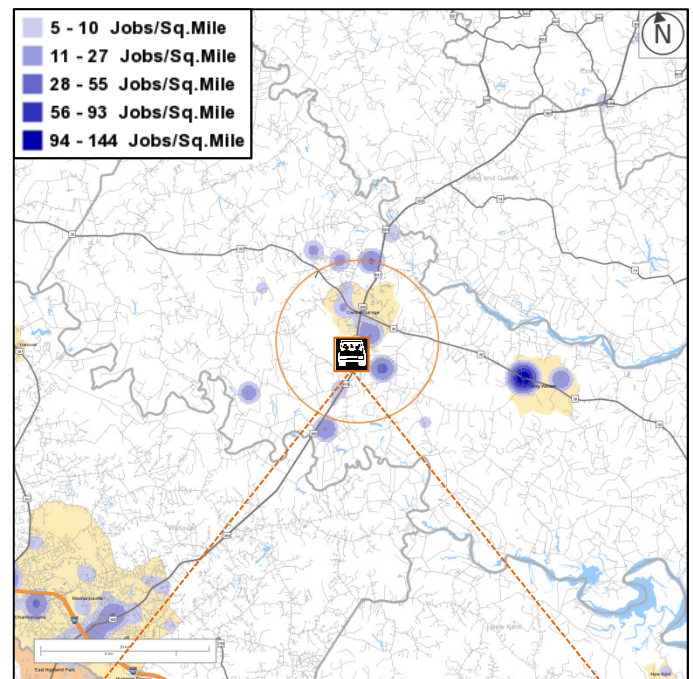
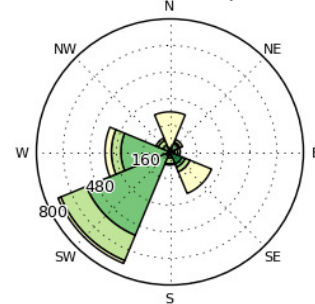
Inside Priority Investment Area: No

Annual VMT Reduction*: 226,189

Total Annual Cost Savings*: \$ 124,404

Phase	Duration (Months)	Cost Estimate
Design	-	\$ -
Right-of-Way	-	\$ -
Construction	-	\$ -
<i>Total</i>	-	\$ 200,000

Commute Compass *



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